

## Chosun Refractories APC-80G Acid-proof Castable

Category : Ceramic , Oxide , Silicon Oxide

### Material Notes:

Information provided by Chosun Refractories via Korea Institute of Ceramic Engineering and Technology (KICET).

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chosun-Refractories-APC-80G-Acid-proof-Castable.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-APC-80G-Acid-proof-Castable.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.0024525 GPa	0.35571 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.0053955 GPa	0.78256 ksi	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
Compressive Strength	6.86 MPa	996 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	19.6 MPa	2840 psi	Cold Crushing Strength
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	800 °C	1470 °F	limited
Shrinkage	-0.500 %	-0.500 %	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
	-0.100 %	-0.100 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	27 %	27 %	
SiO2	68 %	68 %	

Descriptive Properties	Value	Comments
Installation Method	Spray	

Main Applications Descriptive Properties	Chemical Plant Value	Comments
Material Required for Estimating (kg/?)	2,100	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China